

Appln. No. 09/998,093
1.312 Amendment dated June 21, 2005
Reply to Examiner's Amendment of March 28, 2005

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A structural reinforcement part for use in automobile applications, comprising:

1) a molded shell, having a set shape and size, comprising a polymer wall having an interior and an exterior face, wherein said interior face defines a space within the molded shell;

2) a structural filler material disposed in and substantially filling said space within the molded shell, and

3) a heat-activated expandable adhesive in contact with the exterior face of the polymer wall;

wherein the structural filler material does not undergo or require any chemical reaction or expansion, after part installation or during automotive assembly.

2. (Previously Presented) The structural reinforcement part of Claim 1, wherein the molded shell is produced from a polymer selected from polyamides, polyolefin's, syndiotactic vinyl aromatic polymers, and blends thereof.

3. (Original) The structural reinforcement part of Claim 2, wherein the molded shell is produced from a polyamide.

4. (Previously Presented) The structural reinforcement part of Claim 1, wherein the structural filler material is selected from polyurethane and aluminum foams.

5. (Original) The structural reinforcement part of Claim 4, wherein the structural filler material is polyurethane foam.

6. (Previously Presented) The structural reinforcement part of Claim 1, wherein the expandable adhesive is selected from expandable epoxies, polyolefins and thermoplastic polyurethanes.

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7. Cancelled
8. Cancelled
9. Cancelled
10. Cancelled
11. (New) A part according to Claim 6 wherein the structural filler material has a density of about 5 to about 25 pounds per cubic foot.
12. Cancelled.